This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

0550,



OIPE

RAW SEQUENCE LISTING

DATE: 06/06/2002

PATENT APPLICATION: US/10/080,959A

TIME: 15:15:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06062002\J080959A.raw

ENTERED

```
2 <110> APPLICANT: Cruz-Perez, Patricia
      3
              Buttner, Mark P.
W--> 4 <120> TITLE OF INVENTION: Method for Detection of Stachybotrys chartarum in Pure
                                              Culture and Field
                    Samples Using Quantitative Polymerase Chain Reaction
W--> 6 <130> FILE REFERENCE: 0001-00001
W--> 7 <140> CURRENT APPLICATION NUMBER: US 10/080,959A
C--> 8 <141> CURRENT FILING DATE: 2002-05-16
      9 <150> PRIOR APPLICATION NUMBER: US 60/280,712
     10 <151> PRIOR FILING DATE: 2001-03-29
W--> 11 <160> NUMBER OF SEQ ID: 5
W--> 12 <210> SEQ ID NO: 1
     13 <211> LENGTH: 17
     14 <212> TYPE: DNA
     15 <213> ORGANISM: Stachybotrys chartarum
W--> 16 <220> FEATURE:
W--> 17 <221> NAME/KEY:
     18 <222> LOCATION:
     19 <223> OTHER INFORMATION:
W--> 20 <400> SEQUENCE: 1
     21 gttgcttcgg cgggaac
                                   17
     22 <210> SEQ ID NO: 2
     23 <211> LENGTH: 20
     24 <212> TYPE: DNA
     25 <213> ORGANISM: Stachybotrys chartarum
W--> 26 <220> FEATURE:
W--> 27 <221> NAME/KEY:
     28 <222> LOCATION:
     29 <223> OTHER INFORMATION:
W--> 30 <400> SEQUENCE: 2
     31 tttgcgtttg ccactcagag
                                     20
     32 <210> SEQ ID NO: 3
     33 <211> LENGTH: 19
     34 <212> TYPE: DNA
     35 <213> ORGANISM: Stachybotrys chartarum
W--> 36 <220> FEATURE:
W--> 37 <221> NAME/KEY:
     38 <222> LOCATION:
     39 <223> OTHER INFORMATION:
W--> 40 <400> SEQUENCE: 3
     41 acctatcgtt gcttcggcg
                                    19
     42 <210> SEQ ID NO: 4
```

43 <211> LENGTH: 23 44 <212> TYPE: DNA

RAW SEQUENCE LISTING

DATE: 06/06/2002

PATENT APPLICATION: US/10/080,959A

TIME: 15:15:58

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06062002\J080959A.raw

- 45 <213> ORGANISM: Stachybotrys chartarum
- W--> 46 <220> FEATURE:
- W--> 47 <221> NAME/KEY:
 - 48 <222> LOCATION:
 - 49 <223> OTHER INFORMATION:
- W--> 50 <400> SEQUENCE: 4
 - 51 gcgtttgcca ctcagagaat act 23
 - 52 <210> SEQ ID NO: 5
 - 53 <211> LENGTH: 18
 - 97 54 <212> TYPE: DNA
 - 55 <213> ORGANISM: Stachybotrys chartarum
- W--> 56 <220> FEATURE:
- W--> 57 <221> NAME/KEY:
 - 58 <222> LOCATION:
 - 59 <223> OTHER INFORMATION:
- W--> 60 <400> SEQUENCE: 5
 - 61 ctgcgcccgg atccaggc 18



VERIFICATION SUMMARYDATE: 06/06/2002PATENT APPLICATION: US/10/080,959ATIME: 15:15:59

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06062002\J080959A.raw

L:4 M:283 W: Missing Blank Line separator, <120> field identifier L:6 M:283 W: Missing Blank Line separator, <130> field identifier L:7 M:283 W: Missing Blank Line separator, <140> field identifier L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:11 M:283 W: Missing Blank Line separator, <160> field identifier L:12 M:283 W: Missing Blank Line separator, <210> field identifier L:16 M:283 W: Missing Blank Line separator, <220> field identifier L:17 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1 L:20 M:283 W: Missing Blank Line separator, <400> field identifier L:26 M:283 W: Missing Blank Line separator, <220> field identifier L:27 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2 L:30 M:283 W: Missing Blank Line separator, <400> field identifier L:36 M:283 W: Missing Blank Line separator, <220> field identifier L:37 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3 L:40 M:283 W: Missing Blank Line separator, <400> field identifier L:46 M:283 W: Missing Blank Line separator, <220> field identifier L:47 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4 L:50 M:283 W: Missing Blank Line separator, <400> field identifier L:56 M:283 W: Missing Blank Line separator, <220> field identifier L:57 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5 L:60 M:283 W: Missing Blank Line separator, <400> field identifier